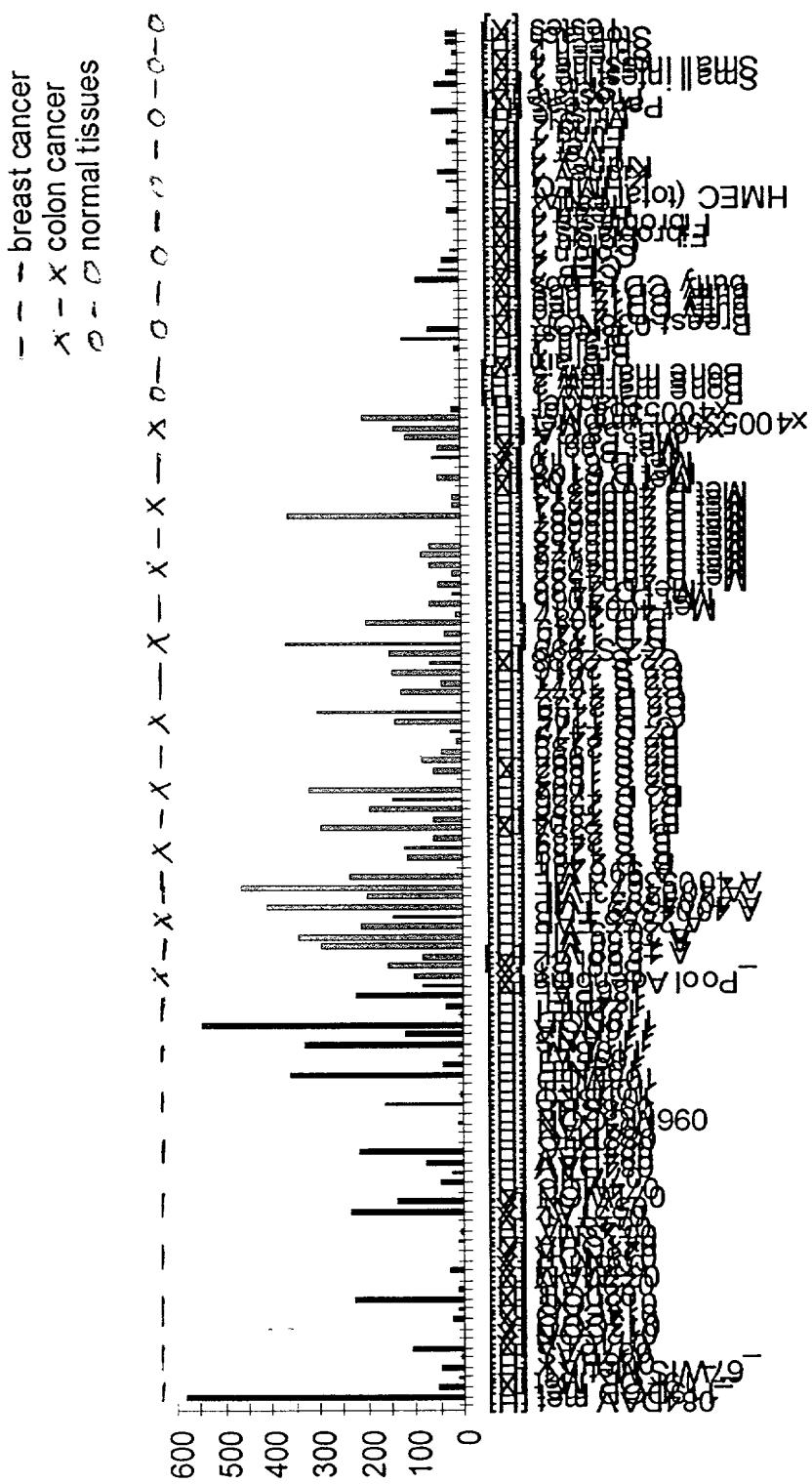


## FIGURE 1

MALVLGSLLLLGLCGNSFSGGQPSSTDAPKAWNYELPATNYETQDSHKAGPIGILFELVHIFLYVVQPRDFP  
EDT LRKFLQKAYESKIDYDKPETVILGLKIVYYEAGIIILCCVIGLILFTTLMPLVGYFFCMCRCCNKCGGEMHQRQKEN  
GPFLRKCFAISLLVTCIIISIGIIFYCFVANHQVRTRIKRSRKLADSNFKDLRTLLNETPEQIKYILAQYNTTKDK  
AFTDLNSINSVLGGGILDRLRPNIIPVLDIEKSMATAIKETKEALEMNNSTLKS LHQQSTQLSSSLTSVKTSLR  
S LNDPLCLVHPSETCNSIRLSLSQLNSNPELRLQLPPDAELDNVNNVLRTDLDGLVQQGYQSLNDIPDRVQRQT  
TTVVAGIKRVLNSIGSDIDNVTQRLPIQDILSAFSVYVNNTESYIHRNLPTLEEYDSYWWLGGLIVICSLLTLLIVI  
FYIIGLLCGVCGYDRHATPTTRGCVSNTGCVFLMVGCVGISFLFCWILMIIWVWTTFVFGANVEKLI CE PYTSKELF  
RVLDTPYLLNEDWEYYLSGKLFNKS KMKLT FEQVYSDCKKNRGTYGTLHLQNSFNISEHNL NINEHTGSISSELES  
LKVNLNIFLLGAAGRKNLQDFAACGIDRMNYDSYLAQTGKSPAGVNLLSFAYLEAKANSLPPGNLRNSLKRDAQ  
TIKTIHQQRVLPIEQSLSTLYQSVKILQRTGNGLLERVTRILASLDFAQNFIITNNNTSSVIEETKKYGRTIIGYF  
EHYLQWIEFSISEKVASCKPVATALDTAVDVFLCSYIIDPLNIFWFGTICKATVFLPALIFAVKIAKYRRMDSE  
DVYDDVETIPMKNMENGNNNGYHKDHVYGIHNPVMTSPSQH.

**FIGURE 2**

## FIGURE 3



CCAAGTTCTACCTCATGTTGGAGGATCTTGCTAGCTATGGCCCTCGTACTCGGCTCCCTGTTGCTGCTGGG  
GCTGTGCGGGAACTCCTTTCAGAGGGCAGCCTCATACCACAGATGCTCCTAAGGCTTGAATTATGAATT  
GCCTGCAACAAATTATGAGACCCAAGACTCCCATAAAGCTGGACCCATTGGCATTCTCTTGAACTAGTGCAT  
TATCTTCTCTATGTGGTACAGCCCGTGATTCCCAGAAGATACTTGAGAAAATTCTTACAGAAGGCATA  
TGAATCAAATTGATTATGACATTGTCTACTATGAAGCAGGGATTATTCTATGCTGTGCTGGGCTGCT  
GTTTATTATTCTGATGCCCTGGGGTATTCTTGTATGTGCTGCTGAACAAATGTGGTGGAGA  
AATGCACCAGCAGAAGGAAATGGGCCCTCCTGAGGAAATGCTTGCAACTCTCCGTGTTGGTGATTTG  
TATAATAATAAGCATTGGCATCTCTATGGTTGTGGCAAATCACCAGGTAAGAACCCGATCAAAGGAG  
TCGGAAACTGGCAGATAGCAATTCAAGGACTTGCGAACTCTCTGAATGAAACTCCAGAGCAAATCAAATA  
TATATTGGCCCAGTACAACACTACCAAGGACAAGGCGTTCACAGATCTGAACAGTATCAATTCAGTGCTAGG  
AGGCGGAATTCTGACCGACTGAGACCCAAACATCATCCCTGTTGATGAGATTAAGTCCATGGCAACAGC  
GATCAAGGAGACCAAAAGAGGCGTGGAGAACATGAACAGCACCTGAAGAGCTTGCACCAACAAAGTACACA  
GCTTAGCAGCAGTCTGACCAGCGTGAAACTAGCCTGCGTCATCTCTCAATGACCCTCTGTGCTGGTGCA  
TCCATCAAGTGAAAACCTGCAACAGCATCAGATTGTCTCAAGCCAGCTGAATAGCAACCCTGAACTGAGGCA  
GCTTCCACCCGTGGATGCAGAACTTGACAAACGTTAATAACGTTCTTAGGACAGATTGGATGGCTTGGTCCA  
ACAGGGCTATCAATCCCTTAATGATATACTGACAGAGTACAACGCCAACCGACTGTCGTAGCAGGTAT  
CAAAAGGGCTTGAATTCCATTGGTTCAGATATGACAAGTAACTCAGCGTCTTCCTATTCAGGATATACT  
CTCAGCATTCTCTGTTATGTTAATAACACTGAAAGTTACATCCACAGAAATTTACCTACATTGGAAAGAGTA  
TGATTCTACTGGTGGCTGGGTGCTGGTCATCTGCTCTGTGACCCTCATCGTGATTTTACTACCT  
GGGCTTACTGTGTGGCTGGGTGCTGGCATGCCACCCCGACCACCCGAGGCTGTGTCTCAACAC  
CGGAGGCGTCTTCCTCATGGTGGAGTTGAAGTTCCCTCTTTGCGGATATTGGATCATG  
TCTTACCTTGCTTTGGTGCAAAGTGGAAAAACTGATCTGTAACCCACGAGCAAGGAATTACCG  
GGTTTGGGATACACCCACTTAATGAAGACTGGAAACTATCTCTGGGAAGCTATTTAATAAAATC  
AAAAATGAAGCTCATTGAACAAGTTACAGTGACTGCAAAAAAAAATAGAGGCACTACGGCACTCTCA  
CCTGCAGAACAGCTTCAATATCAGTGAACATCTCAACATTAATGAGCATACTGGAGCATAAGCAGTGAATT  
GGAAAGTCTGAAGGTAATCTTAATATCTTCTGTGGGTGCAGCGAGGAAGAAAAAAACCTTCAGGATTTGC  
TGCTGTGGAATAAGACAGAATGAATTATGACAGCTACTGGCTCAGACTGGTAATCCCCGAGGAGTGAA  
TCTTTTATTCATTGCATATGAAGCAAACAGTTGGCCCCAGGAAATTTGAGGAACTCCCT  
GAAAGAGATGCAAAACTATAAAACATTTCACCAGCAACGAGTCCTTCCCTATAGAACATCACTGAGC  
TCTTACAAAGCGTCAAGAATCTCAACGCAAGGGAAGGTATGGAGAGAGTAACTAGGATTCTAGC  
TTCTCTGGATTTTGCTCAGAACTTCTCATCAAAACAATACTCCCTCTGTTATTATGAGGAAACTAAAGAAGTA  
TGGGAGAAAAATAATAGGATTTTGAAACATTATCTGAGGGATCGAGTTCTCTATCAGTGAAAAGTGGC  
ATCGTGCAAACCTGGGCCACCCGCTTAGATACTGCTGTGATGTCTTCTGTGATGTCTACTTATCGAC  
CTGAATTTGTTGGATGGCAAGGAAAGCTACTGTTATTTTACTCCGGCTCTATTTTGCGGTAAA  
ACGGCTAAAGTACTATCGCAATGGATGGAGGACGTTACGATGTGTGAAACTATACCCATGAAAAAA  
TATGGAAATGGTAATAGGTTATCATAAAAGATCATGTATGGTATTCACATCTGTTATGACAGCCC  
ATCACAACAATTGATAGCTGATGTGAAACTGCTGTGACGCATCAGGATACTCAAAGTGGAAAGGATCACAGATT  
TTGGATGGTTCTGGCTACAAGGACTTTCCAAATCCAGGAGCAACGCCAGGGCAACGTAGTGACTCAGG  
CGGGCACCAAGGCAACGGACCCATGGCTCTGGAGGTCTTAAGGAATGAACACAACTACGTTATAGTCC  
ATGGCCCATCACTATTCAAGGATGACTCCCTCCCTCCGTCTATTTTGTTTTACTTTTTACCTGAG  
TTCTATTTTAGACACTACAACAATGGGTTTGGCCATTGGATGCATTCTATCAAAAACTCTATCAA  
TGTGATGGCTAGATCTCAACATTTGCATGTGGGAGGTTGCTGAACACACACCCAGTTACAGGAAAGATG  
CATTTGGTTACGTAAAACGGGTTATACCTTTTGTTACCAAGAGTTTTAACAAAATGAGTATTTAAG  
GACTTTCTTCAAAATGAGCTAAAATGTCACCCATTGACTTCTTGGGTCTGTGAAAAATCCATTTCA  
AAAAAGTGTGAAACCTACAGCATTTCTCACGCAAGGAGTTTTCAATTATAACTTATCAAAGATTGGC  
CAGTGTTCCACTTGGAAATGGCATCAGCAAAGCCATCATAAGAGAAACCTGGTTACTCCATCTGCAAAATCAA  
AAAGAGAGAGAGATCTTGAGAGAGAAATGCTGTTCGTCAAAGGGATTTGTTAACAAGATGCCAATTA  
CGGTGACAGTTAAACAGAGTTCTGGTGCATTAGGATAACATTAATTGGATGTGCAGCTACAATGAGT  
CATCACAGTACTAGTGTCAAAATGAAATGGAAGATCTGTCACAATCTTAGATCTGGGTCC  
AGCAATGGATGAAACCTTTGAGTTGGCCCTAAATTTGCAATGAAAGCCAAGGTAAAATATTCATTGCTCA  
GGAGTTCATGTTGGATCTGCATTATCAAAAAGTGATCAGCAATGAAGAAGATGGTCGGCAAAATTTAACGT  
TGATGTAATGGAAATCCAGATGTAGGCATTCCCCCAGGGTTTTCATGTCAGTTGCAGATTGCAGTCTGATTCAT  
TTGAATAAAAGGAACTTGG

FIGURE 4

**MALVLGSLLLGLCGNSFSGGQPSSTDAPKAWNYELPATNYETQDSHKAGPIGILFELVHIFLYVVQPRDFPEDT**  
**LRKFLQKAYESKIDYDIVYYEAGTILCCVLGLIFTIMPLVGYFFCMCRCCNKCGGEMHQRKENGFLRKCFAT**  
**SILVIVCTTISIGIFYGVANHQVRTRIKRSRKLADSNFKDLRTLLNETPEQIKYILAQYNTTKDKAFTDLNSINS**  
**VLGGGILDRLRPNIIPVLDEIKSMATAIKETKEALENMNSTLKSLSHQQSTQLSSSLTSVTSRSSLNDPLCLVH**  
**PSSETCNSIRLSLSQLNSNPELRLQLPVDALDNVNNVLRTDLDGLVQQGYQSLNDIPDRVQRQTTVVAGIKRV**  
**LNSIGSDIDNVTQRLPIQDILSAFSVYVNNTESYIHRNLPTLEEYDSYWWIGGLIVICSLLTIVIFYVIGLLCGV**  
**CGYDRHATPTTRGCVSNTGGVFLMVGVLDSFLPCWILMIVVITFVFGANVEKLICEPYTSKELFRVLDTPYLLN**  
**EDWEYYLSGKLFNKSKMKTFEQVYSDCKKNRGTYGTLHLQNSFNISEHLNINEHTGSISSELESLKVNLNIFLL**  
**GAAGRKNLQDFAACGIDRMNYDSYLAQTGKSPAVVNLLSFAYDLEAKANSLPPGNLRNSLRDAQTIKTIHQQRV**  
**LPIEQSLSTLYQSVKILQRTGNGLLERVTRILASLDFAQNFITNNNTSSVIIEETKKYGRTIIGYFEHYLQWIEFS**  
**ISEKVASCKPVATALDTAVDVFLCSYIIDPLNLFWFGICKATVFLIPAYTFAVKIAKYRRMDSEDVYDDVETIP**  
**MKNMENGNNGYHKDHVYGIHNTPVMTSPSQH**

**FIGURE 5**